

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(insulating adj film adj over) near interconnect	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 10:12
L2	17	(insulating adj film adj over) near interconnect	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 10:12
L3	35	(insulating adj film adj over) near interconnection	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 10:14
L4	52	2 or 3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 10:14
L5	7	4 and ((low-k) or (low adj k) or (low adj constant))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 10:14
L6	7	5 and (ar or argon)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 10:15
L7	7	6 and (o2 or oxygen)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 10:15
L8	7	7 and groove	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 10:16
L9	0	7 and (interconnect near groove)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 10:16

## EAST Search History

L10	7	7 and contact	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 10:16
L11	7	7 and (contact near hole)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 10:17
L12	7	11 and groove	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 10:40
L22	33	plasma same etch same SOG same fluorocarbon	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 10:25
L23	13	22 and ratio	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 10:27
L24	3	22 and (fluorocarbon same (o2 or oxygen) same (ar or argon))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 10:30
L25	0	22 and ((C4F8 or "C.sub.4F.sub.8" or "C.sub.xF.sub.x" or "C.sub.nF.sub.n" or "C.sub.xF.sub.n" or "C.sub.nF.sub.x" or Octafluorocyclobutane or (RC adj "318")) same (C5F8 or "C.sub.5F.sub.8" or "C.sub.xF.sub.x" or "C.sub.nF.sub.n" or "C.sub.xF.sub.n" or "C.sub.nF.sub.x" or Perfluorocyclopentene) same (C4F6 or "C.sub.4F.sub.6" or "C.sub.xF.sub.x" or "C.sub.nF.sub.n" or "C.sub.xF.sub.n" or "C.sub.nF.sub.x" or Hexafluorobutadiene) same (C3F6 or "C.sub.3F.sub.6" or "C.sub.xF.sub.x" or "C.sub.nF.sub.n" or "C.sub.xF.sub.n" or "C.sub.nF.sub.x") same (o2 or oxygen) same (ar or argon))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 10:33

## EAST Search History

L26	3	22 and (((C4F8 or "C.sub.4F.sub.8" or "C.sub.xF.sub.x" or "C.sub.nF.sub.n" or "C.sub.xF.sub.n" or "C.sub.nF.sub.x" or Octafluorocyclobutane or (RC adj "318")) or (C5F8 or "C.sub.5F.sub.8" or "C.sub.xF.sub.x" or "C.sub.nF.sub.n" or "C.sub.xF.sub.n" or "C.sub.nF.sub.x" or Perfluorocyclopentene) or (C4F6 or "C.sub.4F.sub.6" or "C.sub.xF.sub.x" or "C.sub.nF.sub.n" or "C.sub.xF.sub.n" or "C.sub.nF.sub.x" or Hexafluorobutadiene) or (C3F6 or "C.sub.3F.sub.6" or "C.sub.xF.sub.x" or "C.sub.nF.sub.n" or "C.sub.xF.sub.n" or "C.sub.nF.sub.x")) same (o2 or oxygen) same (ar or argon))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 10:33
L27	0	12 and (diffusion near prevention)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 10:41
L28	7	12 and (diffusion)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 10:46
L29	7	28 and via	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 10:46
L30	0	28 and (groove near via)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 10:46
L31	0	28 and (groove same via)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 10:46